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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,791	11/29/2000	Jennings Pressly	PJZ-1	9580

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EXAMINER
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SAIN, GAUTAM

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 02/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/725,791	PRESSLY, JENNINGS	
	<b>Examiner</b>	<b>Art Unit</b>	
	Gautam Sain	2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 08 October 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-9, 11-22 and 24-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9, 11-22 and 24-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1) The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

**1-1) Claims 16,18,19, 26 are rejected under 35 U.S.C. 102(b) as being anticipated by Evans (US 5924074, issued Jul 1999).**

**Regarding claim 16, Evans teaches “record ... records” (ie., database, patient record)(col 2, line 45-64)**

Evans teaches “...catalog diagnoses” (col 1, lines 45-50; fig 20, item 334).

Evans teaches “image capture ... data” (ie., scanner)(col 13, lines 9-15).

Evans teaches “first selection ... display” (ie., patient box, select button..)(col , lines 55-67; fig 3, item 120-123).

Evans teaches “second selection ... record” (ie., select procedure on a patient data record)(col 11, lines 37-64).

Evans teaches “third ... display” (ie., digital x-ray image)(col 8, lines 30-40).

Evans teaches “image display ... diagnosis” (ie., x-ray in patient chart)(fig 8, item 185; col 7, lines 28-40; col 5, lines 1-5; col 8, lines 30-40).

Evans teaches “access ... information “ (ie., data from external source)(col 10, lines 30-45; fig 17A; col 9, line 10).

Evans teaches “external capture ... information” (ie., external sources... laboratory or pharmacy)(col 10, lines 30-45; col 9, line 10).

Evans teaches “second insertion ... diagnosis” (ie., ... interface to external source ... data handler ... data manager... incorporates converted data into patient record )(col 10, lines 40-50; col 9, lines 10).

Evans teaches “word processing ... field” (ie., add note button in fig 20, item 337-339)(col 11, lines 45-67).

Evans teaches “said diagnosis component allowing storage of said edited medical diagnosis” (ie., being able to ‘Add’ and ‘Remove’ is editing in the display field)(fig 20, #337).

Evans teaches “reporting ... procedure records” (ie., reporting system for managing ... patient’s information)(col 1, line 47)(ie., patient’s record ... physician, patient data)(col 5, col 29-55).

Evans teaches “transmission ...” (col 4, lines 23-25).

**Regarding claim 18**, Evans teaches “... compact disc reader ...” (ie., optical reader)(fig 24, between item 414 and 246, labeled ‘OPTICAL DRIVE’).

**Regarding claim 19**, Evans teaches “... external source ... Internet” (ie., World Wide Web)(fig 24, item 404).

**Regarding Claim 26**, Evans teaches

*An automated medical diagnosis reporting system comprising:  
a patient demographic component for maintaining patient records (ie., patient record with demographics data)(col 8, line 61 – col 9, line 13);*

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*a first selection means for selecting a patient record (ie., patient box, selection button...)(col 5, lines 55-67; fig 3, item 120-123);*

*a medical procedure component for maintaining medical procedure records (ie., data tables)(col 9, lines 1-10; col 2, lines 60-65; fig 14, item 229; fig 20, item 330),*

*allowing the association of at least one said medical procedure record with a selected patient record (ie., select procedure on a patient data record)(col 11, lines 37-64)*

*an image capture component for the capture and storage of image data in association with said selected patient record and at least one said medical procedure record (ie., scanner)(col 13, lines 9-15);*

*a diagnosis component for associating diagnostic information with said selected patient record (ie., fig 20, item 337, 338; col 11, lines 48-64) and*

*a display component for displaying said selected patient record, and any associated medical procedure record, image data, and/or diagnostic information (ie., fig 21 and fig 8 show the graphical user interface with diagnosis information as well as the Viewer with skeletal images, item 185);*

*said diagnosis component comprising*

*a catalog of diagnoses (ie., fig 20, item 334, 332, Diagnostic List);*

*a second selection means to allow the selection of at least one said diagnosis from said catalog of diagnoses (ie., see fig 21, item #352); and*

*a diagnosis editing component to allow customized editing of said selected diagnosis by medical personnel and storage of said edited diagnosis (ie., being able to 'Add' and 'Remove' is editing in the display field)(fig 20, item 337).*

***Claim Rejections - 35 USC § 103***

2) The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**2-1) Claims 1, 3, 5, 6, 7, 8, 11, 20, 21, 22, 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Evans (as cited above) in view of Lavin et al (US 5772585, issued Jun 1998).**

Regarding claim 1, Evans teaches "patient demographics... records" (ie., patient record with demographics data)(col 8, line 61 – col 9, line 13).

Evans teaches "first ... display" (ie., patient box, select button..)(col , lines 55-67; fig 3, item 120-123).

Evans teaches "medical ... records" (ie., data tables...)(col 9, lines 1-10; col 2, lines 60-65; fig 14, item 229; fig 20, item 330).

Evans teaches "personnel ... records" (ie., nurse, physician ... personnel)(col 15, lines 30-35; col 2, lines 50-55).

Evans teaches "first assignment ... record" (ie., select procedure on a patient data record)(col 11, lines 37-64).

Evans teaches "second assignment ... record" (ie., patient record has data tables ... physician codes ... procedure codes)(col 9, lines 1-10).

Evans teaches “a display ... record” (ie., select procedure for patient... elect provider for patient)(col 11, lines 50-60; fig 3)

Evans teaches “image capture ... data” (ie., scanner)(col 13, lines 9-15).

Evans teaches “third ... record” (ie., x-ray in patient chart)(fig 8, item 185; col 7, lines 28-40; col 5, lines 1-5; col 8, lines 30-40).

Evans teaches “image ... data” (ie., digital x-ray image)(col 8, lines 30-40).

Evans teaches “diagnosis .... Record” (figure 20, items 337, 338; col 11, lines 48-64).

Evans teaches “said diagnosis comprising a diagnosis display field for displaying said diagnostic information” (see Fig 21, item # 352).

Evans teaches “a catalog of standard diagnoses” (ie., fig 20, item #334, #332, Diagnostic List).

Evans teaches “a second selection means to allow the selection of at least one said diagnosis from said catalog of standard diagnoses” (ie., Fig 20, item 337, 336, where user can select with the mouse from #334. Diagnostic List into the selected Diagnosis window).

Evans teaches “a first insertion means for inserting said selected diagnosis into said diagnosis display field” (ie., fig 20, item 336, “Add” allows users to select and then Add a diagnosis to the selected diagnosis).

Evans teaches “a diagnosis editing component for editing said diagnosis display field” (ie., being able to ‘Add’ and ‘Remove’ is editing in the display field).

Evans does not teach, but Lavin does not teach “a standard diagnosis entry component allowing inserting of said diagnosis display field into said catalog of standard diagnoses” (ie., database of diagnosis procedure ... where the selected disease is added to the diagnosis table listed)(col 13, lines 20-44).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Evans to include a database of diagnosis procedure where the selected disease is added to the diagnosis table as taught by Lavin, providing the benefit of a system and method for managing patient medical information to facilitate data management and improve physician access to and recordal of examination data with a relational database which store information (Lavin, Abstract section).

**Regarding claim 3**, Evans teaches “reporting ... procedure records” (ie., reporting system for managing ... patient’s information)(col 1, line 47)(ie., patient’s record ... physician, patient data)(col 5, col 29-55).

Evans teaches “transmission ...” (col 4, lines 23-25).

**Regarding claim 5**, Evans teaches “... e-mail” (ie., electronic mail)(col 9, line 1).

**Regarding claim 6**, Evans teaches “second selection ... body part” (ie., list of body systems...)(col 11, lines 40-43; fig 20, item 331)

**Regarding claim 7**, Evans teaches “second ... condition” (ie., physician selects from list of body system...)(col 11, lines 40-45; fig 20, item 331). Each body system inherently contains it’s own set of medical problems and conditions.

**Regarding claim 8**, Evans teaches “standard ... diagnoses” (ie., annotating window.. keyword...)(col 7, lines 5-25).



**Regarding claim 11**, Evans teaches “ a security component ... diagnostic information” (ie., authorized providers... permits physicians ...)(col 2, lines 45-66)(ie., login name, password...)(col 15, lines 9-32).

**Regarding claim 20**, Evans teaches “entering patient demographics data” (ie., patient record with demographics data)(col 8, line 61 – col 9, line 13).

Evans teaches “...personnel” (ie., nurse, physician ... personnel)(col 15, lines 30-35; col 2, lines 50-55).

Evans teaches “examination ... data” (ie., patient box, select button..)(col , lines 55-67; fig 3, item 120-123).

Evans teaches “entering orders...information “ (ie., medication manager)(col 13, lines 57-60; fig 21, item 350).

Evans teaches “display ... physician” (ie., display view item ... patient data)((col 7, lines 5-40).

Evans teaches “retrieving ... procedures” (ie., display xray ...)(col 7, lines 30-40).

Evans teaches “displaying ... physician” (ie., select arrow on left of window in fig 20, item 334)(col 11, lines 45-50).

Evans teaches “retrieving ... menu selection” (ie., select arrow on left of window in fig 20, item 334)(col 11, lines 45-50).

Evans teaches “editing ... dictation” (ie., physcian’s dictation ... diagnosis codes)(col 9, lines 1-10).

Evans teaches “formatting a report ... diagnosis ” (ie., reporting system for managing ... patient’s information)(col 1, line 47)(ie., patient’s record ... physician, patient data)(col 5, col 29-55).

Evans teaches “transmitting ...” (col 4, lines 23-25).

Evans does not teach, but Lavin does not teach “saving the edited diagnosis in said catalog” (ie., database of diagnosis procedure ... where the selected disease is added to the diagnosis table listed)(col 13, lines 20-44).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Evans to include a database of diagnosis procedure where the selected disease is added to the diagnosis table as taught by Lavin, providing the benefit of a system and method for managing patient medical information to facilitate data management and improve physician access to and recordal of examination data with a relational database which store information (Lavin, Abstract section).

**Regarding claim 21**, Evans teaches “menu list ... body part” (ie., list of body systems...)(col 11, lines 40-43; fig 20, item 331)

**Regarding claim 22**, Evans teaches “menu lists ... condition” (ie., physician selects from list of body system...)(col 11, lines 40-45; fig 20, item 331). Each body system inherently contains it’s own set of medical problems and conditions.

**Regarding claim 24**, Evans teaches “access ... information “ (ie., data from external source)(col 10, lines 30-45; fig 17A; col 9, line 10).

Evans teaches “retrieving information ... source” (ie., external sources... laboratory or pharmacy)(col 10, lines 30-45; col 9, line 10).

Evans teaches "editing ... information" (ie., ... interface to external source ... data handler ... data manager... incorporates converted data into patient record )(col 10, lines 40-50; col 9, lines 10).

Evans does not teach, but Lavin does not teach "saving the edited diagnosis in said catalog" (ie., database of diagnosis procedure ... where the selected disease is added to the diagnosis table listed)(col 13, lines 20-44).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Evans to include a database of diagnosis procedure where the selected disease is added to the diagnosis table as taught by Lavin, providing the benefit of a system and method for managing patient medical information to facilitate data management and improve physician access to and recordal of examination data with a relational database which store information (Lavin, Abstract section).

**2-2) Claims 2, 9, 14, 15, 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Evans (as cited above), in view of Lavin et al (as cited above), further in view of Hemphill (US 5774628, issued Jun 1998, see IDS).**

**Regarding claim 2,** Evans teaches "dictation ... voice data" (col 9, lines 3-4).

Evans in view Lavin does not teach, but Hemphill teaches "speech recognition ... dictated data", "second insertion means... display field"(ie., user agents ... speech module...)(col 3, lines 40-45). Specifically, Evans in view of Lavin does use a data manager to incorporate audio data from physician's dictation into patient's record and Hemphill uses a speech recognition.

Evans teaches "access ... information " (ie., data from external source)(col 10, lines 30-45; fig 17A; col 9, line 10).

Evans teaches "external capture ... information" (ie., external sources... laboratory or pharmacy)(col 10, lines 30-45; col 9, line 10).

Evans teaches "a third ... field" (ie., ... interface to external source ... data handler ... data manager... incorporates converted data into patient record )(col 10, lines 40-50; col 9, lines 10).

Evans teaches "word processing ... field" (ie., add note button in fig 20, item 337-339)(col 11, lines 45-67).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Evans in view of Lavin to include speech module translators into text for text manipulation of the data as taught by Hemphill, providing the benefit of an input device for receiving voice signals and interact with display browsers (Hemphill, col 1, lines 44-50; abstract)(Evans, col 9, lines 3 – 14).

**Regarding claim 9**, Evans teaches "standard diagnosis ... catalog of standard diagnoses" (ie., annotating window ... keyword; electronic mail)(col 7, lines 5-15; col 9, line 1).

**Regarding claim 14**, Evans teaches "record ... records" (ie., database, patient record)(col 2, line 45-64)

Evans teaches "catalog ... diagnoses" (col 1, lines 45-50; fig 20, item 334).

Evans teaches "image capture ... data" (ie., scanner)(col 13, lines 9-15).

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Evans teaches “first ... display” (ie., patient box, select button..)(col , lines 55-67; fig 3, item 120-123).

Evans teaches “second selection ... record” (ie., select procedure on a patient data record)(col 11, lines 37-64).

Evans teaches “third ... data” (ie., digital x-ray image)(col 8, lines 30-40).

Evans teaches “image display ... record” (ie., x-ray in patient chart)(fig 8, item 185; col 7, lines 28-40; col 5, lines 1-5; col 8, lines 30-40).

Evans does not teach, but Hemphill teaches “speech recognition ... textual data”, “dictation display means... dictated data”(ie., user agents ... speech module...)(col 3, lines 40-45). Specifically, Evans does use a data manager to incorporate audio data from physician's dictation into patient's record and Hemphill uses a speech recognition.

Evans does not teach, but Hemphill teaches “first insertion means... dictated data... diagnosis”(ie., user agents ... speech module...)(col 3, lines 40-45).

Evans teaches “word processing ... field” (ie., add note button in fig 20, item 337-339)(col 11, lines 45-67).

Evans teaches “said diagnosis component allowing storage of said edited medical diagnosis” (ie., patient data is organized into patient record stored in the patient data repository)(col 5, lines 15-21).

Evans teaches “reporting ... procedure records” (ie., reporting system for managing ... patient's information)(col 1, line 47)(ie., patient's record ... physician, patient data)(col 5, col 29-55).

Evans teaches “transmission ...” (col 4, lines 23-25).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Evans to include speech module translators into text for text manipulation of the data as taught by Hemphill, providing the benefit of an input device for receiving voice signals and interact with display browsers (Hemphill, col 1, lines 44-50; abstract)(Evans, col 9, lines 3 – 14).

**Regarding claim 15**, Evans teaches “access ... information “ (ie., data from external source)(col 10, lines 30-45; fig 17A; col 9, line 10).

Evans teaches “external capture ... information” (ie., external sources... laboratory or pharmacy)(col 10, lines 30-45; col 9, line 10).

Evans teaches “second insertion ... diagnosis” (ie., ... interface to external source ... data handler ... data manager... incorporates converted data into patient record )(col 10, lines 40-50; col 9, lines 10).

**2-3) Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Evans (as cited above), in view of Lavin et al (as cited above), further in view of Knaus et al (US PGPUB 20020016923, provisional filed Jul 2000, 60/216,147).**

**Regarding claim 4**, Evans in view of Lavin does not teach, but Knaus teaches “transmits by facsimile” (para 60).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Evans in view of Lavin to include facsimile as taught by Knaus, providing the benefit of allowing a provider to transmit the data by using a variety of means (para 60).

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**2-4) Claim 12, 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Evans (as applied to claim 1 above), in view of Lavin et al (as cited above), further in view of Sullivan (US PGPUB 20020077865, provisional application 60245255, Nov 2, 2000).**

**Regarding claim 12,** Evans in view of Lavin does not expressly teach, but Sullivan teaches “medical record... status field” (ie., ‘done’ field 102 provides ... status ... )(para 122).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Evans in view of Lavin to include a database status reporting capability which is displayed to the user with regard to procedure or treatment as taught by Sullivan, providing the benefit of improving the medical care of patients in a medical database associated with patient data into the data record (abstract).

**Regarding claim 13,** Evans in view of Lavin does not expressly teach, but Sullivan teaches “editing ...update component ... records” (ie., the ‘done’ field displays a ‘C’ after a chart template has been x-ray)(para 122).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Evans in view of Lavin to include a editable and updateable database status reporting capability which is displayed to the user with regard to procedure or treatment as taught by Sullivan, providing the benefit of improving the medical care of patients in a medical database associated with patient data into the data record (abstract).

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**2-5) Claim 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Evans (as cited above), in view of Hemphill (US 5774628, issued Jun 1998, see IDS).**

**Regarding claim 17**, Evans does not teach, but Hemphill teaches "speech recognition ... textual data", "dictation display means... dictated data"(ie., user agents ... speech module...)(col 3, lines 40-45). Specifically, Evans does use a data manager to incorporate audio data from physician's dictation into patient's record and Hemphill uses a speech recognition.

Evans does not teach, but Hemphill teaches "second insertion means... dictated data... diagnosis"(ie., user agents ... speech module...)(col 3, lines 40-45).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Evans to include speech module translators into text for text manipulation of the data as taught by Hemphill, providing the benefit of an input device for receiving voice signals and interact with display browsers (Hemphill, col 1, lines 44-50; abstract)(Evans, col 9, lines 3 – 14).

### ***Response to Arguments***

Applicant's arguments with respect to claim 1, 2, 3, 5, 6, 7, 8, 9, 11, 14, 15, 20, 21, 22, 24 have been considered but are moot in view of the new ground(s) of rejection. US Patent Lavin has been added to teach the deficiencies of Evans in regard to the the amended portion of the claim "a standard diagnosis entry component allowing insertion of said diagnosis display field into said catalog of standard diagnoses."



Applicant argues against the Gilbert reference. Examiner removes the Gilbert reference from the rejection.

Applicant argues against the use of the Hemphill reference for using such software in either the medical records or the diagnosis reporting system. Examiner disagrees. Hemphill modifies Evans to include speech module translators into text for text manipulation of the data as taught by Hemphill, providing the benefit of an input device for receiving voice signals and interact with display browsers (Hemphill, col 1, lines 44-50; abstract)(Evans, col 9, lines 3 – 14).

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gautam Sain whose telephone number is 571-272-4096. The examiner can normally be reached on M-F 9-5 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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GS

  
SANJIV SHAH  
PRIMARY EXAMINER